

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-43 (Cancelled).

44. (Currently Amended) A method for carrying out working steps on miniaturized modules in at least one work station, said at least one work station being one of a pick up station, a test station, a removal station, a coating station and a mounting station

said work station being arranged on a base unit ~~by moving a carrier head of a module carrier relative to said work station~~, said method comprising:

providing a module carrier having a carrier head and a base element,

enabling movement of said carrier head relative to said work station for carrying out said working steps by

(i) enabling movement of said carrier head relative to a base element of said module carrier in at least three directions of at least three linear axis of movement, each linear axis allowing movement in a direction transverse to the other ones and said movement being provided by a respective positioning unit arranged between said carrier head and said base element; and

(ii) enabling movement of said base element on said base unit and relative to said base unit in a direction of at least one axis.

45. (Currently Amended) A method in accordance with claim 44, wherein said base element is moveable relative to said base unit in at least two directions of at least two ~~axis~~ axes of movement, each axis allowing movement in a direction transverse to the other one.

46. (Previously Presented) A method in accordance with claim 44, wherein said carrier head is moveable relative to said base element in a fourth direction of a fourth axis of movement.

47. (Previously Presented) A method in accordance with claim 46, wherein said carrier head is moveable relative to said base element in a fifth direction of a fifth axis of movement.

48. (Previously Presented) A method in accordance with claim 44, wherein said base element is moveable along arbitrary predefined paths relative to said base unit.

49. (Previously Presented) A method in accordance with claim 44, wherein a plurality of module carriers is provided.

50. (Previously Presented) A method in accordance with claim 44, wherein a plurality of work stations is provided.

51. (Previously Presented) A method in accordance with claim 44, wherein a plurality of module carriers and a plurality of work stations is provided.

52. (Previously Presented) A method in accordance with claim 51, wherein the plurality of module carriers cooperates simultaneously with respective ones of the plurality of work stations.

53. (Previously Presented) A method in accordance with claim 44, wherein a module carrier is moved from one work station to another in a defined sequence.

54. (Previously Presented) A method in accordance with claim 44, wherein the at least one work station is moveable relative to said base unit.

55. (Currently Amended) A device for carrying out working steps on miniaturized modules in at least one work station, said at least one work station being one of a pick up station, a test station, a removal station, a coating station and a mounting station said work station being arranged on a base unit, comprising:

a module carrier having a carrier head and a base element, said carrier head being movable relative to said work station; and

at least three positioning units for enabling movement of said carrier head relative to said base element, each of said positioning units enabling movement of said carrier head relative to said base element in a direction of a respective linear axis of movement, each linear axis allowing movement in a direction transverse to the other ones;

said base element being moveable on said base unit and relative to said base unit in at least one direction.

56. (Currently Amended) A device in accordance with claim 55, wherein said base element is moveable relative to said base unit in at least two directions of at least two respective ~~axis~~ axes of movement, each axis allowing movement in a direction transverse to the other one.

57. (Previously Presented) A device in accordance with claim 55, wherein the base element comprises a driver unit.

58. (Previously Presented) A device in accordance with claim 55, wherein the carrier head is moveable relative to said base element in a fourth direction of a fourth axis of movement.

59. (Previously Presented) A device in accordance with claim 58, wherein the carrier head is moveable relative to said base element in a fifth direction of a fifth axis of movement.

60. (Previously Presented) A device in accordance with claim 55, wherein said base element is moveable along arbitrary predefined paths relative to said base unit.

61. (Previously Presented) A device in accordance with claim 55, wherein a plurality of module carriers is provided.

62. (Previously Presented) A device in accordance with claim 55, wherein a plurality of work stations is provided.

63. (Previously Presented) A device in accordance with claim 55, wherein a plurality of module carriers and a plurality of work stations is provided.

64. (Previously Presented) A device in accordance with claim 63, wherein the plurality of module carriers cooperates simultaneously with respective ones of the plurality of work stations.

65. (Previously Presented) A device in accordance with claim 55, wherein a module carrier is moved from one work station to another in a defined sequence.

66. (Previously Presented) A device in accordance with claim 55, wherein the at least one work station is moveable relative to said base unit.

67. (NEW) A method for carrying out working steps on miniaturized modules in at least one work station, said at least one work station being one of a pick up station, a test station, a removal station, a coating station and a mounting station

said work station being arranged on a base unit, said method comprising:

providing a module carrier having a carrier head and a base element, enabling movement of said carrier head relative to said work station for carrying out said working steps by

(i) enabling movement of said carrier head relative to said base element of said module carrier in at least three directions of at least three linear axes of movement, each linear axis allowing movement in a direction transverse to the other ones, and movement of said carrier head relative to said base element about a fourth axis, being a tilting axis, and about a fifth axis,

being a rotational axis, and said movement being provided by a respective positioning unit arranged between said carrier head and said base element, and

(ii) enabling movement of said base element on said base unit and relative to said base unit in a direction of at least one axis.

68. (NEW) A method in accordance with claim 67, wherein said base element is moveable relative to said base unit in at least two directions of at least two axes of movement, each axis allowing movement in a direction transverse to the other one.

69. (NEW) A method for carrying out working steps on miniaturized modules in at least one work station, said at least one work station being one of a removal station, a coating station and a mounting station

said work station being arranged on a base unit, said method comprising:

providing a module carrier having a carrier head and a base element, enabling movement of said carrier head relative to said work station for carrying out said working steps by:

(i) enabling movement of said carrier head relative to said base element of said module carrier in at least three directions of at least three axes of movement, each axis allowing movement in a direction transverse to the other ones and said movement being provided by respective positioning unit arranged between said carrier head and said base element; and

(ii) enabling movement of said base element on said base unit and relative to said base unit in a direction of at least one axis;

providing a laser beam to said at least one work station in order to carry out at least said one of said working steps.